

## SEQUENCE LISTING

<110> Kenneth W. Dobie

&lt;120&gt; ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE 3 EXPRESSION

<130> RTS-0335

<160> 94

<210> 1

<211> 20

&lt;212&gt; DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 1

tccgtcatcg ctcctcaggg

20

<210> 2

<211> 20

<212> DNA

<213> Artificial Sequence

$\langle 220 \rangle$

<223> Antisense Oligonucleotide

<400> 2

atgcattctg cccccaagga

20

&lt;210&gt; 3

&lt;211&gt; 1680

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;220&gt;

&lt;221&gt; CDS

&lt;222&gt; (144) ... (1031)

&lt;400&gt; 3

cgggggccggg gtccgagctc gggcccgccct ccgcctccgc cagctcctgt gagctgccga 60  
 gtgctaggca cccgggctct tctgggggct ccagaactaa gccaccaga caccatcatc 120  
 tcgaaaacc cagcccttct ccc atg gca ggc tac ttg ccc ccc aaa ggc tac 173

Met Ala Gly Tyr Leu Pro Pro Lys Gly Tyr  
 1 5 10

gcc cct tcg ccc cca cct ccc tac cct gtc acc cct ggg tac ccg gag 221  
 Ala Pro Ser Pro Pro Pro Pro Tyr Pro Val Thr Pro Gly Tyr Pro Glu  
 15 20 25

ccg gcg cta cat cct ggg ccc ggg cag gcg cca gtg ccc gcc cag gta 269  
 Pro Ala Leu His Pro Gly Pro Gly Gln Ala Pro Val Pro Ala Gln Val  
 30 35 40

cct gcc cca gct ccc ggc ttc gcc ctc ttc ccc tcg cct ggc ccc gtg 317  
 Pro Ala Pro Ala Pro Gly Phe Ala Leu Phe Pro Ser Pro Gly Pro Val  
 45 50 55

gcc ttg ggg tct gct gcc ccc ttc ttg cca ctg cca ggg gtg cct tct 365  
 Ala Leu Gly Ser Ala Ala Pro Phe Leu Pro Leu Pro Gly Val Pro Ser  
 60 65 70

ggc ctc gaa ttc ctg gtg cag att gat cag att ttg att cac cag aag 413  
 Gly Leu Glu Phe Leu Val Gln Ile Asp Gln Ile Leu Ile His Gln Lys  
 75 80 85 90

10006072 120404

gct gag cga gtg gaa acg ttc cta ggc tgg gag acc tgt aat cgg tat 461  
 Ala Glu Arg Val Glu Thr Phe Leu Gly Trp Glu Thr Cys Asn Arg Tyr  
                   95                  100                  105

gaa ctg cgc tct ggg gcc ggg cag ccc ctg ggt cag gcg gcc gag gag 509  
 Glu Leu Arg Ser Gly Ala Gly Gln Pro Leu Gly Gln Ala Ala Glu Glu  
                   110                  115                  120

agc aac tgc tgc gcc cgt ctg tgc tgt ggc gcc cgc cgg ccg ctg cgt 557  
 Ser Asn Cys Cys Ala Arg Leu Cys Cys Gly Ala Arg Arg Pro Leu Arg  
                   125                  130                  135

gtc cgc ctg gcc gac ccc ggg gac cgt gag gtg ctg cgt ttg ctc cgc 605  
 Val Arg Leu Ala Asp Pro Gly Asp Arg Glu Val Leu Arg Leu Leu Arg  
                   140                  145                  150

ccg ctg cac tgt ggc tgc agc tgc tgc ccc tgt ggc ctc cag gag atg 653  
 Pro Leu His Cys Gly Cys Ser Cys Cys Pro Cys Gly Leu Gln Glu Met  
                   155                  160                  165                  170

gaa gta cag gct cca cca ggc acc acc att ggc cac gtg cta cag acc 701  
 Glu Val Gln Ala Pro Pro Gly Thr Thr Ile Gly His Val Leu Gln Thr  
                   175                  180                  185

tgg cat ccc ttc ctc ccc aag ttc tcc atc cag gat gcc gat cgc cag 749  
 Trp His Pro Phe Leu Pro Lys Phe Ser Ile Gln Asp Ala Asp Arg Gln  
                   190                  195                  200

aca gtc ttg cga gtg gtg ggg ccc tgc tgg acc tgt ggc tgt ggc aca 797  
 Thr Val Leu Arg Val Val Gly Pro Cys Trp Thr Cys Gly Cys Gly Thr  
                   205                  210                  215

gac acc aac ttt gag gtg aag act cgg gat gaa tcc cgc agt gtg ggc 845  
 Asp Thr Asn Phe Glu Val Lys Thr Arg Asp Glu Ser Arg Ser Val Gly  
                   220                  225                  230

cgc atc agc aag cag tgg ggg ggc ctg gtc cga gaa gcc ctc aca gat 893

1000007 1000007  
 1000007 1000007



gtccgagaag ccctcacaga

20

&lt;210&gt; 5

&lt;211&gt; 19

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; PCR Primer

&lt;400&gt; 5

gccttcaccc tcacatcca

19

&lt;210&gt; 6

&lt;211&gt; 27

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; PCR Probe

&lt;400&gt; 6

cagatgactt tggcctacag ttcccg

27

&lt;210&gt; 7

&lt;211&gt; 19

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; PCR Primer

10006072 123401

&lt;400&gt; 7

gaaggtgaag gtcggagtc

19

&lt;210&gt; 8

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; PCR Primer

&lt;400&gt; 8

gaagatgggtg atgggatttc

20

&lt;210&gt; 9

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; PCR Probe

&lt;400&gt; 9

caagcttccc gttctcagcc

20

&lt;210&gt; 10

&lt;211&gt; 596

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; exon:exon junction

1010112203004

&lt;222&gt; (333) ... (334)

&lt;223&gt; exon 5:exon 6b

&lt;221&gt; exon:exon junction

&lt;222&gt; (423) ... (424)

&lt;223&gt; exon 6b:exon 7

&lt;400&gt; 10

```

ttggggtctg ctgccccctt cttgccactg ccaggggtgcc ttctggcctc gaattcctgg      60
tgcagattga tcagattttg attcaccaga aggctgagcg agtggaaacg ttcctagtg      120
tgggagacct gtaatcggta tgaactgcgc tctggggcct gggcagcccc tgggtcaggc      180
ggcogaggag agcaactgct gcgccgtct gtgctgtggc tggccgccg cctgctgcgt      240
gtcogcctgg ccgaccccg ggaccgtgag gtgctgcgtt tgcctcgccc gctgcaactgt      300
ggctgcagct gctgccctg tggcctccag gagttctcca tccaggatgc cgatcgccag      360
acagtcttgc gagtgggtgg gccctgctgg acctgtggct gtggcacaga caccaacttt      420
gaggtgaaga ctcgggatga atcccgcagt gtgggccgca tcagcaagca gttgtggggg      480
cctggtccga gaagccctca cagatgcaga tgactttggc ctacagttcc cgctggaccc      540
ggatgtgagg gtgaaggctg tgctgctggg agccacattc ctcatttgac tactgt      596

```

&lt;210&gt; 11

&lt;211&gt; 000

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;400&gt; 11

000

&lt;210&gt; 12

&lt;211&gt; 000

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;400&gt; 12

1006072-120401

20

# Index





<210> 19

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 19

tcgagatgat ggtgtctggg

20

<210> 20

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 20

gcaagtagcc tgccatggga

20

<210> 21

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 21

gccagaaggc acccctggga

20

<210> 22

<211> 20

<212> DNA

<213> Artificial Sequence

**<220>**

### <223> Antisense Oligonucleotide

<400> 22

tctgatcaat ctgcaccagg

20

<210> 23

<211> 20

<212> DNA

<213> Artificial Sequence

**<220>**

<223> Antisense Oligonucleotide

<400> 23

cttctggtga atcaaaatct

20

<210> 24

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

### <223> Antisense Oligonucleotide

<400> 24

tccactogct cagccttctg

20

&lt;210&gt; 25

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 25

acgtttccac tcgctcagcc

20

&lt;210&gt; 26

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 26

gtctcccagc ctaggaacgt

20

&lt;210&gt; 27

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

10005972-120401

&lt;400&gt; 27

tacagggtctc ccagcctagg

20

&lt;210&gt; 28

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 28

accgattaca ggtctcccag

20

&lt;210&gt; 29

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 29

agcgagttc ataccgatta

20

&lt;210&gt; 30

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

10006072-120401  
104021-2269001

<400> 30  
cccagagcgc agttcatacc 20

<210> 31  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 31  
agcaaacgca gcacctcacg 20

<210> 32  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 32  
cagtcgacg ggcgagcaa 20

<210> 33  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>

10006973-120401

<223> Antisense Oligonucleotide

<400> 33

cagccacagt gcagcgggcg

20

<210> 34

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 34

gggcagcagc tgcagccaca

20

<210> 35

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 35

caatggtggt gcctggtgga

20

<210> 36

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

1006274 239001

<223> Antisense Oligonucleotide

<400> 36

aggtctgtag cacgtggcca

20

<210> 37

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 37

ggatgccagg tctgtagcac

20

<210> 38

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 38

ggaagggatg ccaggtctgt

20

<210> 39

<211> 20

<212> DNA

<213> Artificial Sequence

1006074-120101



&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 39

agggcccccac cactcgcaag

20

&lt;210&gt; 40

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 40

tgtgccacag ccacaggtcc

20

&lt;210&gt; 41

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 41

ttggtgtctg tgccacagcc

20

&lt;210&gt; 42

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

100607-12061

<220>

<223> Antisense Oligonucleotide

<400> 42

ttcacctcaa agttggtgtc

20

<210> 43

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 43

tgcgggattc atcccagatc

20

<210> 44

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 44

ttgctgatgc ggcccacact

20

<210> 45

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 45

actgcttgct gatgcggccc

20

<210> 46

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 46

ggcttctcgg accaggcccc

20

<210> 47

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 47

atctgtgagg gcttctcgga

20

<210> 48

<211> 20

1006972-120401  
104021-2299001

&lt;212&gt; DNA

<213> Artificial Sequence

 $\langle 220 \rangle$ 

<223> Antisense Oligonucleotide

<400> 48

tcattctgcat ctgtgagggc

20

<210> 49

<211> 20

&lt;212&gt; DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 49

ccaaagtcac ctgcatctgt

20

<210> 50

<211> 20

<212> DNA

<213> Artificial Sequence

 $\langle 220 \rangle$ 

<223> Antisense Oligonucleotide

<400> 50

ttcacctca catccaggtc

20

<210> 51

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 51

tcccagcagc acagccttca

20

&lt;210&gt; 52

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 52

acatgtagtc aatgaggaat

20

&lt;210&gt; 53

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 53

cttctcaaag aacatgtagt

20

1000697-120401

<210> 54

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 54

cgccctcctcg cttctcaaag

20

<210> 55

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 55

taactggtga tggcagaggg

20

<210> 56

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 56

tggcgcctc taactggtga

20

1006972-120404

<210> 57

<211> 20

<212> DNA

<213> Artificial Sequence

 $\langle 220 \rangle$ 

<223> Antisense Oligonucleotide

<400> 57

tctcctcaca ccatggtggc

20

<210> 58

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 58

tggtcgaggt gatggtctcc

20

<210> 59

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 59

aggtgaccat ctggagttct

20

<210> 60

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 60

taccctctct tgggaaccac

20

<210> 61

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 61

ctcctttgga gcagaggccc

20

<210> 62

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 62

10006972-120404



cagaggcctc ctttggagca

20

<210> 63

<211> 20

&lt;212&gt; DNA

<213> Artificial Sequence

 $\langle 220 \rangle$ 

&lt;223&gt; Antisense Oligonucleotide

<400> 63

aaacccaaga gtcctggggtt

20

<210> 64

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

&lt;223&gt; Antisense Oligonucleotide

<400> 64

ttgtaaaacc ccagagtcct

20

<210> 65

<211> 20

&lt;212&gt; DNA

<213> Artificial Sequence

**<220>**

## <223> Antisense Oligonucleotide

&lt;400&gt; 65

cagccctctt gtaaaacccc

20

&lt;210&gt; 66

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 66

acaccccagc cctcttgtaa

20

&lt;210&gt; 67

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 67

gtggctatat ccacgtctt

20

&lt;210&gt; 68

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

RTS-0335-26-PATENT

<400> 68

gggcggtggc tatatccacc

20

<210> 69

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 69

aagtgccatg gtctgaggct

20

<210> 70

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

## <223> Antisense Oligonucleotide

<400> 70

cctcaaagtg ccatggtctg

20

<210> 71

<211> 20

&lt;212&gt; DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 71

acccccctcaa agtgccatgg

20

<210> 72

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 72

tgggagagga agttggcact

20

<210> 73

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 73

cctagtggga gaggaagttg

20

<210> 74

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

1006073-120401

<223> Antisense Oligonucleotide

<400> 74

gctgaaggca gggccctagt

20

<210> 75

<211> 20

&lt;212&gt; DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 75

gcaagcacca gctgaaggca

20

<210> 76

&lt;211&gt; 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 76

tcgcagcaag caccagctga

20

&lt;210&gt; 77

<211> 20

&lt;212&gt; DNA

<213> Artificial Sequence

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 80

atataaagat gcagcctttt

20

&lt;210&gt; 81

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 81

tgtaacatat aaagatgcag

20

&lt;210&gt; 82

&lt;211&gt; 000

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 82

000

&lt;210&gt; 83

&lt;211&gt; 000

&lt;212&gt; DNA

1006972-120401

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 83

000

<210> 84

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 84

000

<210> 85

<211> 000

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 85

000

<210> 86

<211> 000



&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 86

000

&lt;210&gt; 87

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 87

ggatggagaa ctcttgagg

20

&lt;210&gt; 88

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Antisense Oligonucleotide

&lt;400&gt; 88

gagtcttcac ctcaaagttg

20

&lt;210&gt; 89

<211> 000

<212> DNA

<213> Artificial Sequence

<220>

### <223> Antisense Oligonucleotide

<400> 89

000

<210> 90

<211> 000

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

<400> 90

000

<210> 91

<211> 000

&lt;212&gt; DNA

<213> Artificial Sequence

<220>

<223> Antisense Oligonucleotide

&lt;400&gt; 91

000

&lt;210&gt; 92

&lt;211&gt; 794

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;400&gt; 92

agctcctgtg agctgccgag tgctaggcac ccgggctctt ctggggggctc cagaactaag 60  
ccaaccacaga caccatcatc ccgaaaaccc cagccctctt cccttggcag attgatcaga 120  
tttgattcac cagaaggctg agcgagtgga aaatggaagt acagggtcca ccaggcacca 180  
ccatggccac gtgctacaga cctggcatcc ctctctcccc aagttctcca tccaggatgc 240  
cgatcgccag acagtctttc gagtgggtggg gccctgctgg acctgtggct gtggcacaga 300  
caccaacttt gaggtgaaga ctgggatga atcccgagc gtggggccga tcagcaagca 360  
gtgggggggg ctggtccgag aagccctcac agatgcagat gactttggcc tacagttccc 420  
gctggacctg gatgtgaggg tgaaggctgt gctgctggga gccacattcc tcattgatac 480  
atgttctttg agaagcgagg aggcgctggg ccctctgcc aaccaggta gaggccacca 540  
tggtgtgagg agaccatcac ctgcaccaga actccagatg gtaactgcct ggcctctctt 600  
ggggtcagcc ctctctcca tgttcaactg gggacagaaat gggggggccc tccaccctta 660  
tctggcgctg ccctgtgctt cccacgcggg ctgtgtgccc caccctctct gccctcccc 720  
ccggcccggg tcccgccacc gcttctctcc ctccccggcc cccgccctcc gcgcgcgccc 780  
gagccggccc cgcc 794

&lt;210&gt; 93

&lt;211&gt; 536

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;400&gt; 93

ctccgccagc tcctgtgagc tgccgagtgc taggcacccg ggctcttctg ggggtccag 60  
aggcgccgcc caagagaccc tgggcgggag ccgggcgcag ctgcctctcc gtctttgtgt 120  
ctgtctctgt gtctgtctgg ctatctccga gtttgctccc gcttcagaa ctaagccacc 180  
cagacacccat catcccgaaa accccagccc ttctcccatg gcaggctact tgcccccaa 240  
aggtaacgcc ccttcgcccc caccctcccta cctgtcacc cctgggtacc cggagccggc 300  
gctacatcct gggcccgggc aggcgccagt gcccgcccag gtacctgccc cagctcccgg 360  
cttegccttc tccccctgc ctggcccggt ggccctgggg tctgtgccc cctctctgcc 420  
actgccaggg gtgcctcttg gcctcgaatt cctgggtcag attgatcaga ttttgattca 480

ccagaaggct gagcgagtgg aaacgttccct aggcctgggag acctgtaatc ggtatg 536

<210> 94

<211> 546

<212> DNA

<213> Homo sapiens

<220>

<400> 94

agcgggcttc cgccagctcc tgtgagctgc cgagtgcctag gcacccgggc tcttctgggg 60  
gtccagtcga gagcgccgc ccaagagacc ctgggcccgc gccgggcgca gctgcctctc 120  
cgtctttgtg tctgtctctg tgtctgtctg gctatctccg agttgcctc cgcttccaga 180  
actaagccac ccagacacca tcctctcgaa aaccccagcc cttctcccat ggcaggctac 240  
ttgccccca aaggctacgc ccttctgccc ccacctccct acctgtcac cctgggtac 300  
ccgctgcgtg tccgcctggc cgaccccggg gacgtgagg tgctgcgtt gtcgcgccg 360  
gtgcactggt ggcttcgagg tgtgttgccc ttgggggacct ccaggagatg gatgtacggg 420  
ctccaccagg caccacctat gggccacgtg ctacagacct ggcatccctt cctcccaaag 480  
ttctccatcc aggatgccga tcgccagaca gtcttgcgaa gtggtggggc cctgcctgga 540  
cctgtg 546